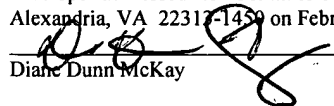


Docket No.: 4296-170 US

The undersigned certifies that this communication is being deposited with the United States Postal Service as prepaid first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 2, 2004


Diane Dunn McKay

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :
Hasegawa et al. :

Serial No.: 10/705,650 :

Filed: November 10, 2003 :

Title: ZINC ACRYLATE AND METHOD FOR x
PRODUCTION THEREOF

: Group Art Unit: TBD

: Examiner: TBD

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

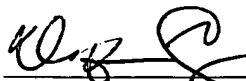
Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicant hereby brings to the attention of the United States Patent and Trademark Office the following documents of which Applicant has been made aware. The documents are listed on the attached PTO Form 1449. Copies of the documents are enclosed.

Applicants note that JP-B-58-014416 and JP-A051-138616 are based on JP-50-61890. An English abstract is submitted for Applications JP-A-60-094434, JP-A-02-218639, JP-A-50-61890, and JP-A-09-202747. U.S. Patent No. 4,169,599 corresponds to JP-A-52-154436. U.S. Patent No. 5,789,616 corresponds to JP-A-09-202747. GB Patent No. 1,595,477 corresponds to JP-A-53-083834.

Applicant submits that this Information Disclosure Statement is submitted prior to a first action on the merits.

It is requested that the references be considered by the Examiner and be made of record as part of the available prior art under 37 C.F.R. § 1.104.

Respectfully submitted,



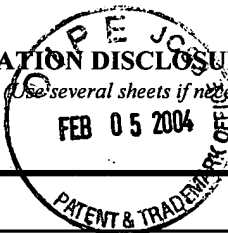
Diane Dunn McKay
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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

FEB 05 2004



Docket Number (Optional)

4296-170 US

Application Number

10/705,650

Applicant(s)

HASEGAWA et al.

Filing Date

11/10/2003

Group Art Unit

TBD

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,169,599	10/02/1979	FUJIO et al.	273	220	
		5,789,616	08/04/1998	KOBAYASHI et al.	562	598	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		JP-B-58-014416	03/18/1983	Japan				
		JP-A-52-154436	12/22/1977	Japan				
		JP-A-53-083834	07/24/1978	Japan				
		JP-A-60-094434	05/27/1985	Japan				
		JP-A-02-218639	05/27/1985	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

FEB 05 2004

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FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		JP-A-09-202747	8/5/1997	Japan				
		1,595,477	12/23/1977	Great Britain				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.